Automated Router Load Balancing

ABSTRACT OF THE DISCLOSURE

5   One embodiment disclosed relates to a method of load balancing between a plurality of routers. A packet is received at a router from a source host to be forward to a destination host. An algorithm is applied at the router to select a gateway forthe source host for packets destined to the destination host. An ICMP redirect message is then sent from the router to the source host to

10   reset the gateway of the source host for packets destined to the destination host. Another embodiment disclosed relates to another method of load balancing between a plurality of. An ARP request is received at the plurality of routers from a requesting host from a source IP address in relation to a destination IP address. An algorithm is applied at each router to determine which single router

15   is to respond to the request. The responding router sends an ARP reply to the requesting host.